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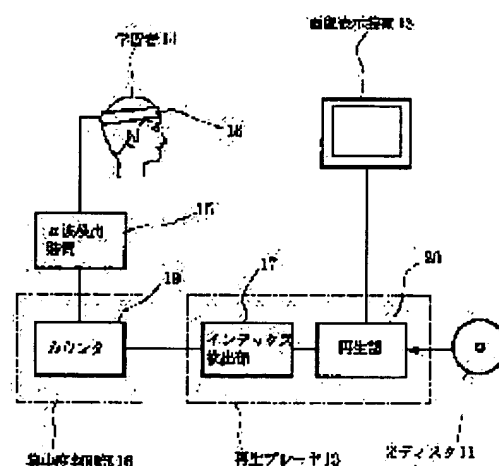
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(54) EDUCATION SUPPORTING DEVICE

(57)Abstract:

PURPOSE: To enhance a learner's understanding, to advance learning contents, and to improve the learning efficiency.

CONSTITUTION: An education supporting device which supports the learning of a learner by reproducing an optical disk where the learning contents are recorded, at every chapter, distinctively by using indexes on a player is equipped with an α -wave detector 15 which detects the α wave of the brain wave of the learner, a concentration degree discriminating part 16 which decides the degree of concentration by the α -wave detection of the α -wave detector 15, and an index detection part 17 which detects the index of the chapter of learning contents low in the degree of concentration according to the decision result of the concentration degree decision part 16; and the chapter is repeatedly reproduced according to the detected index of the chapter low in the degree of concentration.



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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application] This invention relates to the educational exchange equipment which supports a student's education by reproducing the contents of study recorded on the optical disk by the player.

[0002]

[Description of the Prior Art] CAI (Computer Aided Instruction) attracts attention by utilizing a computer as vicarious execution of a teacher in recent years as computer assistance study which also performs the individual education according to personal capability to coincidence, educating a lot of people. As educational exchange equipment which utilized such a computer, record the contents of study on an optical disk, play this optical disk by the player, for example, and it is made to display on a display etc., and the equipment which advances study is used, viewing and listening to the contents of study.

[0003] With educational exchange equipments, such as video equipment using such an optical disk, it is checking by answering the exercise in the last of each chapter of the contents of study about whether the student understood the contents of study.

[0004] However, although the check by such conventional exercise was inadequate for judging the degree of comprehension of the chapter, it could progress to the previous chapter, an understanding of the contents of study tended to become imperfect as a whole, and effectiveness of educational exchange might be unable to be raised.

[0005]

[Problem(s) to be Solved by the Invention] That is, with the educational exchange equipment using the conventional optical disk, irrespective of whether it concentrated, viewed and listened to the reproduced contents of study, it could fold and there was a thing with degree of comprehension imperfect as a whole which playback was continued and was being advanced to the previous chapter.

[0006] Then, this invention can raise a student's degree of comprehension, can advance the contents of study first, and aims at offering the educational exchange equipment which can improve study effectiveness.

[0007]

[Means for Solving the Problem] In order to attain the above-mentioned purpose, the educational exchange equipment of this invention In the educational exchange equipment which supports a student's education by playing the optical disk which distinguished and recorded the contents of study by the index for every chapter by the player The alpha wave detection equipment which detects an alpha wave among the electroencephalograms under study of said student, and the degree-of-concentration distinction section which distinguishes degree of concentration by detection of the alpha wave by this alpha wave detection equipment, It has the index detecting element which detects the index of the chapter of the low contents of study of degree of concentration based on the distinction result of this degree-of-concentration distinction section, and based on the index of a chapter with the detected low degree of concentration, the chapter is repeated and it reproduces.

[0008]

[Function] According to this invention, a student's alpha wave is detected by alpha wave detection equipment during study. A student's degree of concentration is distinguished by detection of the alpha wave in the degree-of-concentration distinction section, and the index of a chapter is detected by the index detecting element. When degree of concentration is low, return playback is repeated at the beginning of the chapter, when degree of concentration is high, in order to progress to the following chapter and to reproduce, a student's degree of comprehension can be raised, the contents of study can be advanced first, and study effectiveness improves.

[0009]

[Example] Hereafter, one example of illustration explains this invention concretely. Drawing 1 is drawing explaining the configuration of the educational exchange equipment of this invention example.

[0010] In this drawing with the educational exchange equipment of this example